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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/618,013	07/14/2003	Ichiro Matsuyama	01272.020600.	4393
5514 7590 12/13/2007 FITZPATRICK CELLA HARPER & SCINTO 30 ROCKEFELLER PLAZA NEW YORK, NY 10112			EXAMINER WILLIAMS, KIMBERLY A	
			ART UNIT 2625	PAPER NUMBER
			MAIL DATE 12/13/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Office Action Summary

Application No.

10/618,013

Applicant(s)

MATSUYAMA, ICHIRO

Examiner

Kimberly A. Williams

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 24 September 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-26 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
  - 2) ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_



### DETAILED ACTION

**Applicant please note that a new examiner is assigned to this application.**

#### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-26 are rejected under 35 U.S.C. 102(e) as being anticipated by Goel et al. (US 2003/0020956).

Regarding **claim 1**, Goel teaches a printing apparatus (93) comprising: a generation unit for generating one page of a print image which is larger than one sheet of paper; and a printing unit for performing printing on one sheet of paper based on one page of the print image, which is larger than the paper and generated by the generation unit (paras. 3 and 8), wherein the generation unit, based on an allocation number representing the number of pages to be allocated to one sheet of paper (fig. 5, para. 50 shows a layout menu (16) which allows the rows and columns in a sheet layout to be specified), performs clipping to remove a portion of the print data which can be printed by the printing unit to prevent the print image of each page which is not printed from

deviating the image of each page, when a plurality of pages of print data printed on one sheet of paper are generated (fig. 7, para. 56 shows two scale modes (52) which fit the multiple images onto the page (in slots on the page) and if the page image extends beyond the slot, the image would be clipped; note para. 178, fig. 20).

Regarding **claim 2**, Goel teaches that the generation unit generates a print image by subjecting the pages to zoom processing according to the allocation number (the scale of the slots is alterable paras. 56, 178).

Regarding **claim 3**, Goel teaches that the clipping performed by the generation unit executes processing on print data allocated to the effective area of the paper including its boundary and different processing on print data allocated to other areas of the paper (in the mixed mode, the slots can be different sizes; note fig. 8 paras.57-80).

Regarding **claim 4**, Goel teaches that the allocation number is positive integers one for each of x and y directions of the paper (note fig. 20, para. 178).

Regarding **claim 5**, Goel teaches that the allocation number is allocation numbers one for each of x and y directions of the paper and is calculated for each of the x and y directions based on a particular value of the allocation number and on x- and y-direction sizes of the paper (note fig. 20, para. 178).

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Regarding **claim 6**, Goel teaches that the printing unit can print a print image that is output with at least one side of the paper taken as an arbitrary size, and the generation unit specifies to the printing unit a size of one side of the paper based on the allocation number, positive integers for the x and y directions, and outputs the print image to the printing unit (a fit to width or fit to height mode is taken into account; note paras. 63,66,67).

Regarding **claim 7**, Goel teaches that the allocation number is a number specified by a specifying unit which specifies the number of pages to be allocated to one sheet of paper (fig. 5, para. 50 shows a layout menu (16) which allows the rows and columns, representative of the number of pages, in a sheet layout to be specified).

Regarding **claim 8**, Goel teaches that the generation unit clips a portion of a particular page overrunning a particular area, one of areas produced by dividing the effective area of the paper based on the allocation number, in such a manner that a positional relationship of the particular page allocated to and larger in size than the particular area with respect to the particular area is identical to a positional relationship of the particular page allocated to and larger in size than the effective area of the paper with respect to the effective area of the paper (note paras. 161,166 and 172).

**Claims 9-26** correspond to claims 1-8 and are rejected for the same reasons as claims 1-8.

***Conclusion***

3. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

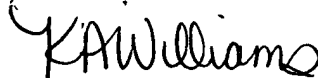
A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimberly A. Williams whose telephone number is (571) 272-7471. The examiner can normally be reached on Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on (571) 272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
Kimberly A Williams  
Primary Examiner  
Art Unit 2625

KAW  
December 10, 2007